

What is claimed is:

- 1 1. A guitar bridge comprising:
2 a long, narrow base piece with top, bottom, front, and rear surfaces;
3 a vertical alignment hole at each end of said base piece, said vertical
4 alignment hole being formed from the top surface through the bottom surface; and
5 a setscrew hole in each end of said base piece being formed from an
6 outer vertical edge to each vertical alignment hole.
- 1 2. The guitar bridge of claim 1 further comprising a first and second adjustment
2 post configured to fit in the vertical alignment holes.
- 1 3. The guitar bridge of claim 2 further comprising a setscrew configured for
2 insertion into each of the setscrew holes, the setscrews upon rotation thereof into the
3 base piece and into contact with the adjustment posts fixedly mounts the guitar
4 bridge to the adjustment posts.
- 1 4. The guitar bridge of claim 3 wherein each of the adjustment posts further
2 comprise an adjustment wheel, the base piece resting on the adjustment wheel such
3 that rotation of the adjustment wheels adjusts the vertical position of said base piece
4 with respect to the adjustment posts.
5
- 1 5. The guitar bridge of claim 2 wherein the vertical alignment holes are round
2 the entire distance through the base piece, and the adjustment posts are cylindrically
3 round to snugly fit within the vertical alignment holes.
- 1 6. The guitar bridge of claim 3 wherein the setscrew holes and the setscrews are
2 threaded so that the threaded setscrews are snugly mated with the thread setscrew
3 holes.

1 7. The guitar bridge of claim 2 wherein the adjustment posts are mounted to a
2 body of the guitar.

1 8. A guitar tailpiece comprising:
2 a long, narrow base piece with top, bottom, front, and rear surfaces and
3 having string holes being formed from the front surface through the rear surface;
4 a vertical hole or slot at each end of the base piece, the vertical holes or slots
5 being formed from the top surface through the bottom surface; and
6 a setscrew hole in each end of the base piece being formed from an outer
7 vertical edge to each vertical hole or slot.

1 9. The guitar tailpiece of claim 8 further comprising a first and second
2 adjustment stud configured to fit in each of the vertical holes or slots.

1 10. The guitar tailpiece of claim 9 further comprising a setscrew configured for
2 insertion into each end of the setscrew hole, the setscrew upon rotation thereof into
3 the base piece and into contact with the adjustment studs fixedly mounts the
4 tailpiece to the adjustment studs.

1 11. The guitar tailpiece of claim 9 wherein the adjustment studs are mounted to a
2 body of the guitar.

1 12. The guitar tailpiece of claim 8 wherein the initial dimension of the string
2 holes is of a larger diameter than the string holes, the larger diameter receiving a
3 balled end of a standard guitar string.

1 13. The guitar tailpiece of claim 8 wherein the string holes further comprise slots
2 extending from the string holes to the bottom surface.

1 14. A method for mounting an improved guitar bridge to a guitar comprising the
2 steps of:

3 mounting adjustment posts to a body of the guitar;
4 placing the bridge on the adjustment posts such that the adjustment posts are
5 inserted into a vertical alignment hole at each end of a base piece of the bridge; and
6 fastening setscrews into setscrew holes in the base piece until the setscrews
7 contact the adjustment posts to fixedly mount the bridge to the guitar.

1 15. The method of claim 14 wherein the adjustment posts further comprise
2 adjustment wheels, the base piece resting on the adjustment wheels, the method
3 further comprising the step of rotating the adjustment wheels to raise or lower the
4 adjustment wheels and thereby adjust vertical spacing of the bridge in relation to the
5 body of the guitar prior to the step of fastening.

1 16. The method of claim 14 wherein the step of mounting further comprises
2 placing the adjustment posts into grommets attached to the guitar.

1 17. The method of claim 14 wherein the step of mounting further comprises
2 gluing the adjustment posts to holes in the body of the guitar.

1 18. A method for mounting an improved guitar tailpiece to a guitar comprising
2 the steps of:
3 mounting adjustment studs to a body of the guitar;
4 placing the tailpiece on the adjustment studs such that the adjustment studs
5 are inserted into a vertical hole or slot at each end of a base piece of the tailpiece; and
6 fastening setscrews into the base piece such that the setscrews contact the
7 adjustment studs to fixedly mount the tailpiece to the guitar.

1 19. The method of claim 18 wherein the step of mounting further comprises
2 placing the adjustment studs into grommets attached to the guitar .

1 20. The method of claim 19 wherein the step of mounting further comprises
2 gluing the adjustment studs to holes in the body of the guitar.

3 21. An improved guitar bridge and tailpiece combination comprising:
4 a bridge further comprising a long, narrow base piece with top, bottom, front,
5 and rear surfaces; a vertical alignment hole at each end of said base piece, said
6 vertical alignment hole being formed from the top surface through the bottom
7 surface; and a setscrew hole in each end of said base piece being formed from an
8 outer vertical edge to each vertical alignment hole; and
9 a tailpiece further comprising a long, narrow base piece with top, bottom,
10 front, and rear surfaces and having string holes being formed from the front surface
11 through the rear surface; a vertical hole or slot at each end of the base piece, the
12 vertical holes or slots being formed from the top surface through the bottom surface;
13 and a setscrew hole in each end of the base piece being formed from an outer
14 vertical edge to each vertical hole or slot.